

[54] FIRE BARRIER RESERVOIR

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[21] Appl. No.: 399,213

[22] Filed: Jul. 19, 1982

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 160,948, Jun. 19, 1980,  
abandoned.

[51] Int. Cl.<sup>3</sup> ..... E04B 1/00; E04C 2/00;  
E04D 5/00; E04B 1/76

[52] U.S. Cl. .... 52/105; 52/232;  
52/309.4; 52/404; 52/408; 52/409; 52/478

[58] Field of Search ..... 52/105, 232, 309.1,  
52/309.4, 309.8, 309.12, 408, 404, 409, 478;  
428/138, 920

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[57] ABSTRACT

A roofing structure including a plurality of abutting fireproof sections and a reservoir board having apertures therein, the reservoir board mounted on and secured to the sections of the fireproof member. Insulation mounted on said reservoir board and covering said apertures therein. In the event of a fire in the building covered by the roof, the insulation would become molten and under normal circumstances would flow on to the fireproof member and leak therefrom at the seams between abutting sections of the fireproof member and flow therethrough downwardly of the roof. This molten insulation would serve to intensify the fire within the building. Indicia is provided on the reservoir board to aid in the proper installation thereof so that the apertures therein will not be positioned above the seams in the fireproof member. In a modification of the invention the reservoir board is eliminated and the fireproof member is provided with a plurality of cups formed therein to receive and to hold the molten insulation. A further modification involves a roofing structure in which the fire reservoir board upon which the insulation is mounted is composed of wood fiberboard and is provided with the apertures therein for holding the molten insulation and keeping it from flowing on to the lower roofing structure elements. In this form of the invention the fireproof member is eliminated.

20 Claims, 11 Drawing Figures

